

2013



EVERY AIRMAN AN INNOVATOR





# A MESSAGE FROM THE CSAF

We are the world's greatest air force because of our Airmen...and we must continue to strengthen that team. This year's CSAF Reading List features writings, movies, music, art, and photography that highlight our heritage and fighting spirit, as well as encourage innovation and forward thinking. Take a look at the list and find something that grabs your attention. Hopefully it'll expand your mind, and ultimately make our great team even better!

A handwritten signature in black ink, reading 'Mark A. Welsh III'.

Mark A. Welsh III  
General, USAF  
Chief of Staff





# HAT IN THE RING

BY BERT FRANDSEN

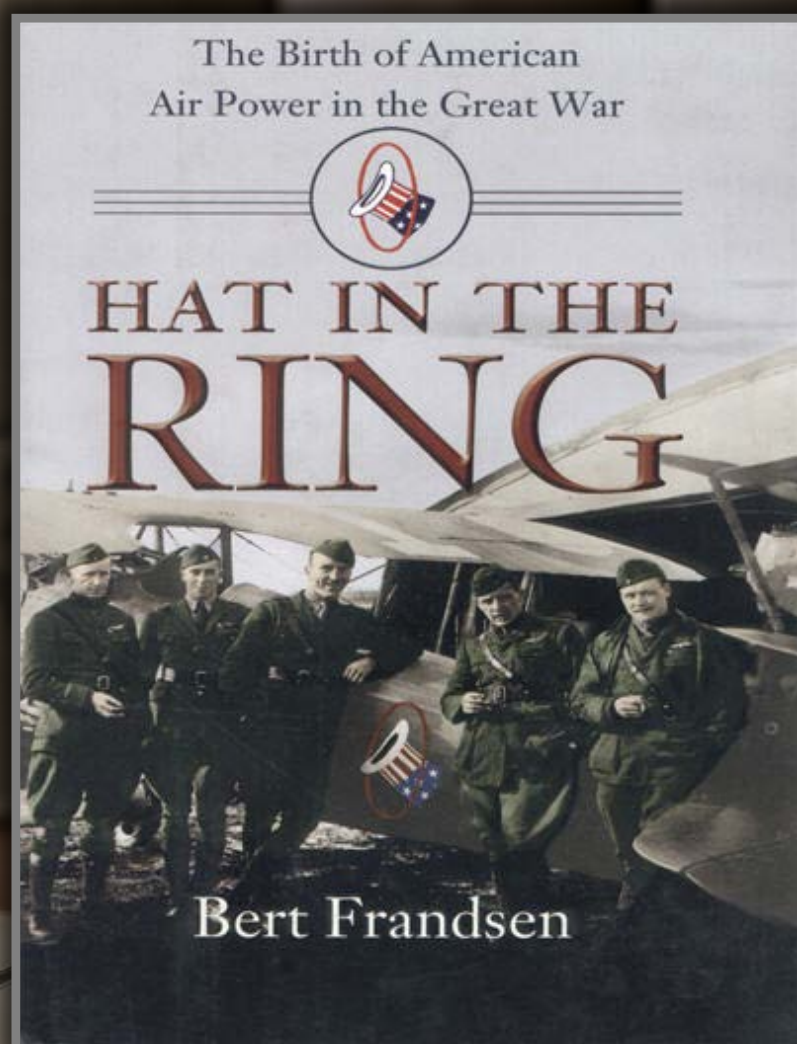
Publisher: Smithsonian Books (2010)

ISBN: 978-1-58834-150-1

## OVERVIEW

When Congress declared war in April 1917, the Europeans had already deployed their third generation of fighters, equipped with machine guns and capable of speeds in excess of 100 miles per hour, while the American Air Service consisted of only a handful of aviators in unarmed trainers. In this first in-depth study of America's first air warriors, author Bert Frandsen shows how in just two years the 1st Pursuit Group organized, absorbed French and British technology and experience, and became a well-led, respected, and lethal force over the trenches of the Western Front.

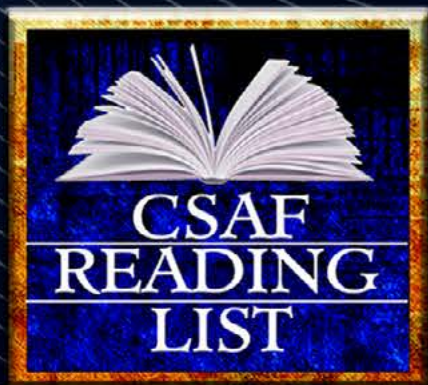
Fascinating portraits of America's first aviation leaders and legends, including Eddie Rickenbacker, Billy Mitchell, Frank Luke, Benjamin Foulouis, Bert Atkinson, and James Meissner, provide new and controversial perspective on one of America's least understood wars and on the origins of the most powerful air force in history. Toxic personalities, competing French-British tactics and aircraft, and an experienced, aggressive enemy forced the Americans into a tactical crucible with deadly results, including 73 casualties in the Meuse-Argonne campaign alone.



## ABOUT THE AUTHOR

**Dr. Bert Frandsen** is an associate professor in the Air War College's Warfighting Department. He is the Exercise Director for the college's capstone wargame, Global Challenge, a one-week strategic decision making exercise conducted at the Air Force Wargaming Institute each spring. Dr. Frandsen is a historian of technology specializing in aerospace technology and war. His article, "America's First Air-Land Battle," won Air and Space Power Journal's Ira Eaker Award for the top article of 2003.





# WEST WITH THE NIGHT

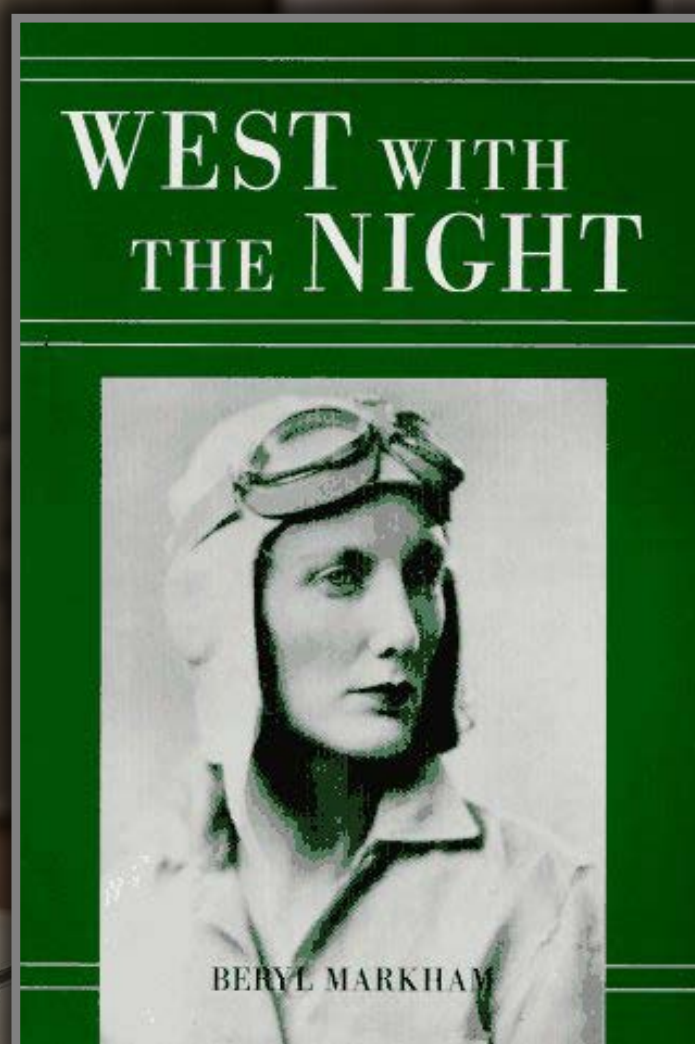
BY BERYL MARKHAM

Publisher: North Point Press (Later Printing Edition; 1982)

ISBN: 978-0865471184

## OVERVIEW

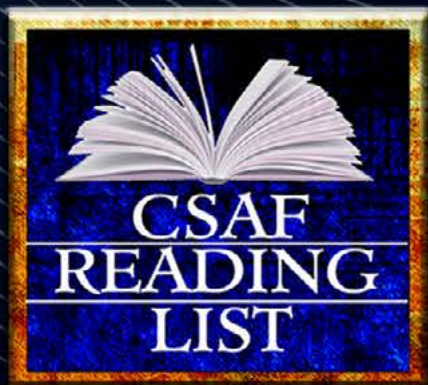
Beryl Markham's *West with the Night* provides fascinating lessons in aviation, history, geography, plant and animal wildlife, and courageous living. The title *West with the Night* refers to Markham's 1936 record-setting feat of flying solo from England across the Atlantic to North America. The 3,600-mile flight was from east to west, and most of the twenty-one hours and twenty-five minutes of the trip were in darkness, against the wind, and over unbroken ocean. This beautifully rendered memoir showcases Markham's upbringing in East Africa, and her insatiable drive toward exploration, ultimately manifested through her love of flight. *West with the Night* stands as one of the finest adventure books written.



## ABOUT THE AUTHOR

**Beryl Markham** was a British-born Kenyan aviatrix, adventurer, and racehorse trainer. During the pioneer days of aviation, she became one of the first people to fly solo across the Atlantic from east to west. She is the author of the bestselling memoir *West with the Night*.





# THE DEAD HAND

THE UNTOLD STORY OF THE COLD WAR ARMS RACE  
AND ITS DANGEROUS LEGACY  
BY DAVID E. HOFFMAN

Publisher: Doubleday (2009)

ISBN: 978-0385524377

## OVERVIEW

*The Dead Hand* captures the inside story in both the United States and the Soviet Union, giving us an urgent and intimate account of the last decade of the arms race. With access to secret Kremlin documents, Hoffman chronicles Soviet internal deliberations that have long been hidden. He reveals that weapons designers in 1985 laid a massive “Star Wars” program on the desk of Soviet leader Mikhail Gorbachev to compete with President Reagan, but Gorbachev refused to build it. He unmasks the cover-up of the Soviet biological weapons program. He tells the exclusive story of one Soviet microbiologist’s quest to build a genetically engineered super-germ—it would cause a mild illness, a deceptive recovery, then a second, fatal attack. And he details the frightening history of the Doomsday Machine, known as the Dead Hand, which would launch a retaliatory nuclear strike if the Soviet leaders were wiped out.

*The Dead Hand* offers fresh and startling insights into Reagan and Gorbachev, the two key figures of the end of the Cold War, and draws colorful, unforgettable portraits of many others who struggled, often valiantly, to save the world from the most terrifying weapons known to man.



## ABOUT THE AUTHOR

**David E. Hoffman** is a contributing editor at the *Washington Post*, where he previously served as White House correspondent, Moscow bureau chief, and assistant managing editor for foreign news. He is the author of *The Oligarchs: Wealth and Power in the New Russia*.





# FLYING TIGERS

BY DANIEL FORD

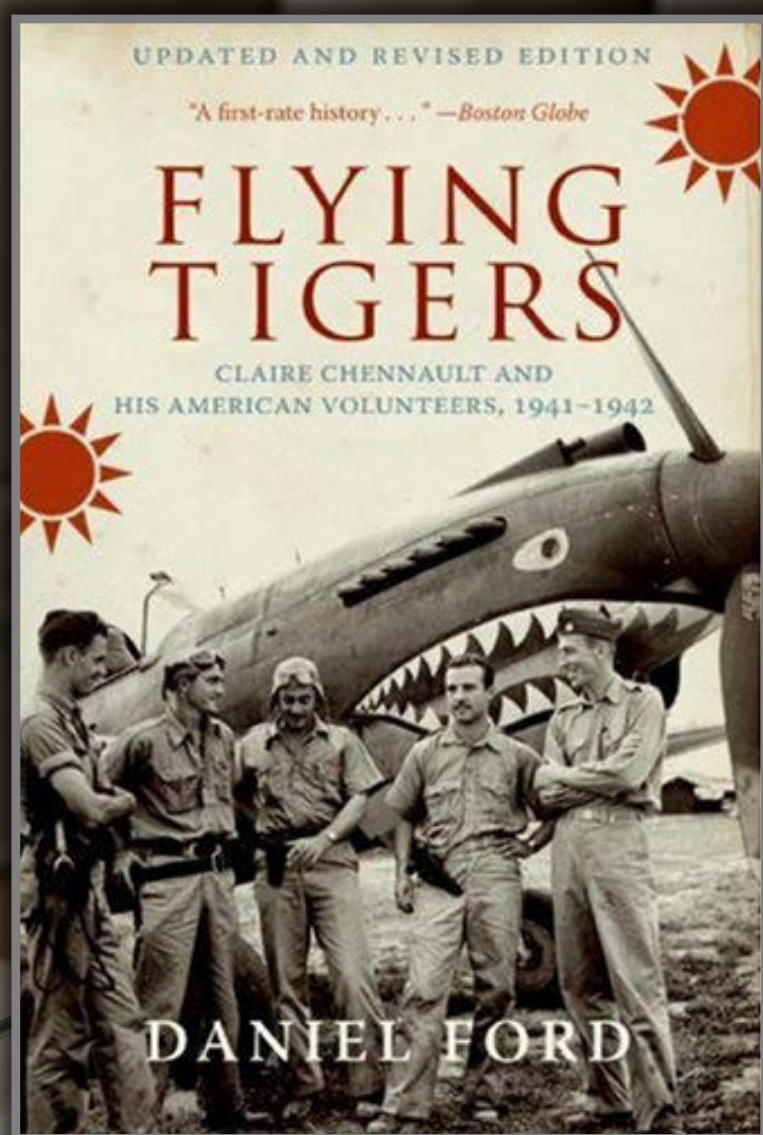
Publisher: Harper Collins (2007)

ISBN: 978-0061246555

## OVERVIEW

During World War II, in the skies over Rangoon, Burma, a handful of American pilots met and bloodied the “Imperial Wild Eagles” of Japan and in turn won immortality as the Flying Tigers. One of America’s most famous combat forces, the Tigers were recruited to defend beleaguered China for \$600 a month and a bounty of \$500 for each Japanese plane they shot down—fantastic money in an era when a Manhattan hotel room cost three dollars a night.

To bring his prize-winning history of the American Volunteer Group up to date, Daniel Ford has completely rewritten his 1991 text, drawing on the most recent U.S., British, and Japanese scholarship. New material from AVG veterans—including Erik Shilling and Tex Hill—help fill out the story, along with newfound recollections from Japanese and New Zealand airmen. This is a pivotal work in understanding and appreciating the enduring legacy of Claire Chennault and his Flying Tigers.



## ABOUT THE AUTHOR

**Daniel Ford** has spent a lifetime reading and writing about the wars of the past hundred years, from the Irish rebellion of 1916 to the counter-guerrilla operations in Iraq and Afghanistan. He is best known for his history of the American Volunteer Group--the ‘Flying Tigers’ of the Second World War--and his Vietnam novel that was filmed as *Go Tell the Spartans*, starring Burt Lancaster. Most recently, he has turned to the invasion of Poland in 1939 by Germany and Soviet Russia.





# LEADING WITH HONOR

BY LEE ELLIS

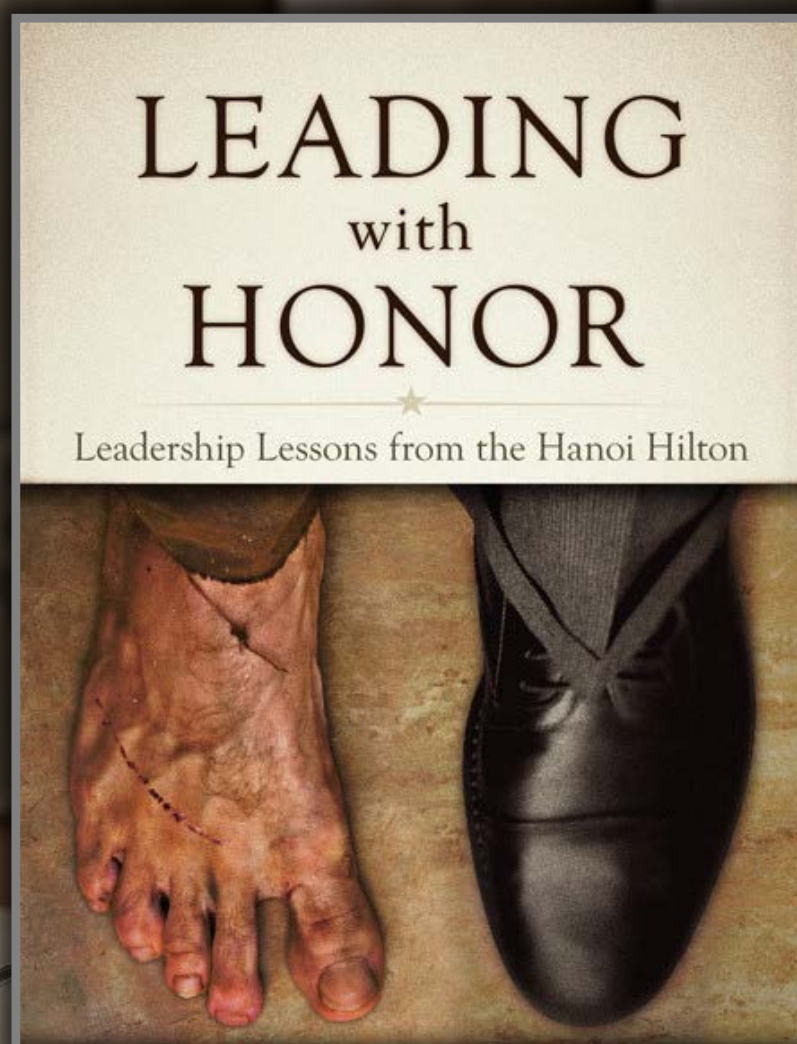
Publisher: Freedom Star Media (2012)

ISBN: 978-0983879305

## OVERVIEW

How did American military leaders in the brutal POW camps of North Vietnam inspire their followers for six, seven, and even eight years to remain committed to the mission, resist a cruel enemy, and return home with honor? What leadership principles engendered such extreme devotion, perseverance, and teamwork?

In this powerful and practical book, Lee Ellis, a former Air Force pilot, candidly talks about his five and a half years of captivity and the 14 key leadership principles behind this amazing story. As a successful executive coach and corporate consultant, he helps leaders of Fortune 500 companies, healthcare executives, small business owners, and entrepreneurs utilize these same pressure-tested principles to increase their personal and organizational success.



## ABOUT THE AUTHOR

Lee Ellis is founder and President of Leadership Freedom LLC and FreedomStar Media. Early in his career, Mr. Ellis served as an Air Force fighter pilot flying fifty-three combat missions over North Vietnam. In 1967, he was shot down and held as a POW for more than five years in Hanoi and surrounding camps.





# DRESSMAKER OF KHAIR KHANA

BY GAYLE TZEMACH LEMMON

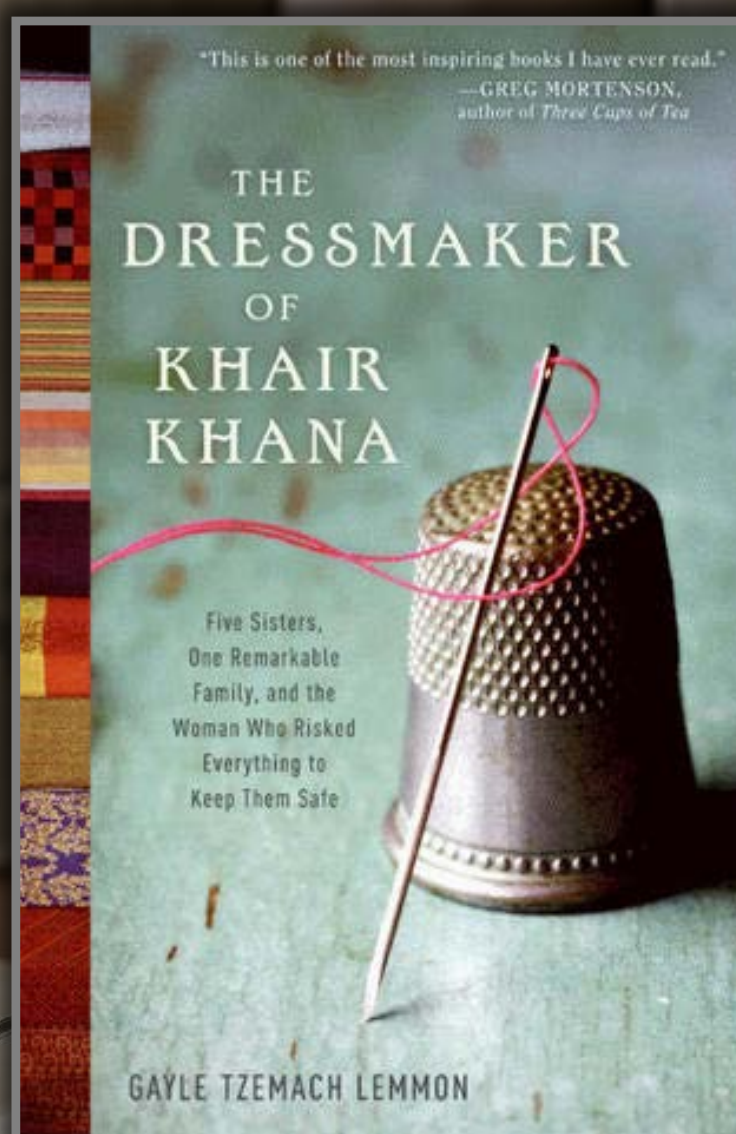
Publisher: Harper Perennial; Reprint edition (2012)

ISBN: 978-0061732478

## OVERVIEW

The life Kamila Sidiqi had known changed overnight when the Taliban seized control of the city of Kabul. After receiving a teaching degree during the civil war—a rare achievement for any Afghan woman—Kamila was subsequently banned from school and confined to her home. When her father and brother were forced to flee the city, Kamila became the sole breadwinner for her five siblings. Armed only with grit and determination, she picked up a needle and thread and created a thriving business of her own.

*The Dressmaker of Khair Khana* moves beyond the headlines to transport you to an Afghanistan you have never seen before. This is a story of war, but it is also a story of sisterhood and resilience in the face of despair. Kamila Sidiqi's journey will inspire you, but it will also change the way you think about one of the most important political and humanitarian issues of our time.



## ABOUT THE AUTHOR

**Gayle Tzemach Lemmon** is the deputy director of the Council on Foreign Relations' Women and Foreign Policy program. Her reporting about women entrepreneurs in conflict and post-conflict zones, including Afghanistan, Bosnia, and Rwanda, has been published by the *New York Times*, *Financial Times*, *International Herald Tribune*, *Christian Science Monitor*, the *Daily Beast*, and the *Huffington Post*.





# THE SOVEREIGNTY SOLUTION

BY ANNA SIMONS,  
JOE MCGRAW, DUANE LAUCHENGCO

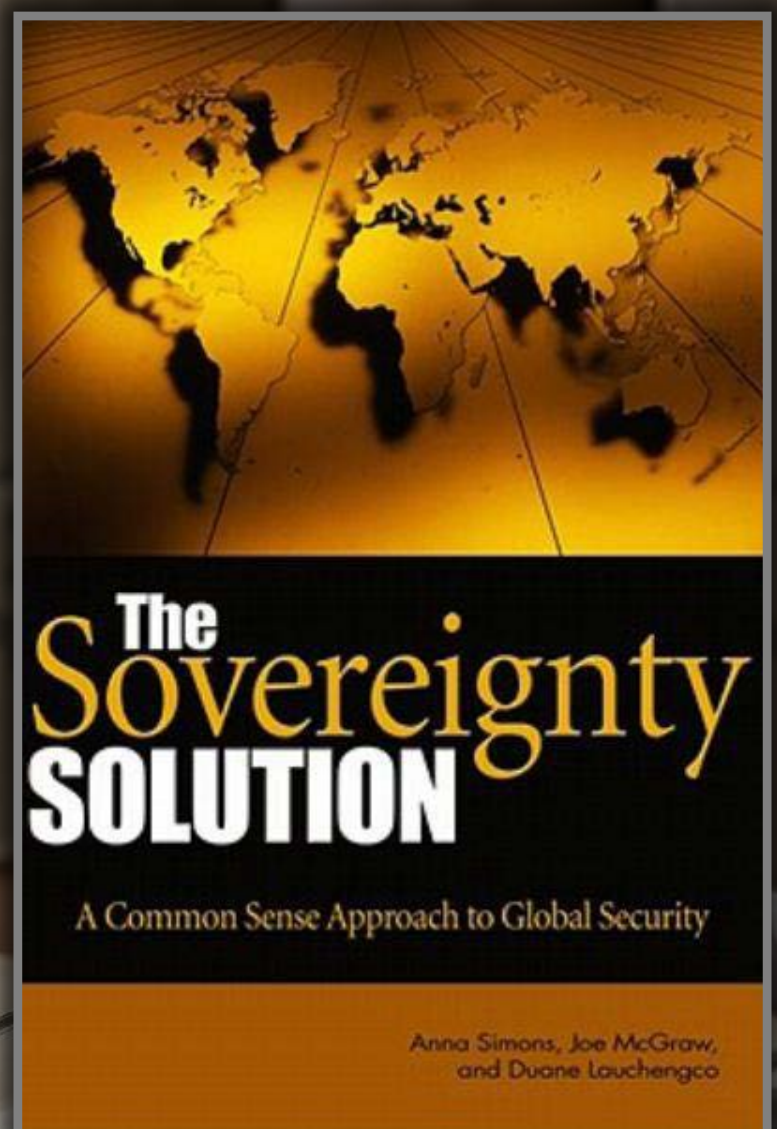
Publisher: Naval Institute Press (2011)

ASIN: B006LOT1KY

## OVERVIEW

*The Sovereignty Solution* is not an Establishment national security strategy. Instead, it describes what the U.S. could actually do to restore order to the world without having to engage in either global policing or nation-building.

In this book, a Naval Postgraduate School professor and her Special Forces coauthors offer a radical yet commonsensical approach to recalibrating global security. Two tracks to their strategy are presented: strengthening state responsibility abroad and strengthening the social fabric at home. The authors' goal is to provoke a serious debate that addresses the gaps and disconnects between what the United States says and what it does, how it wants to be perceived, and how it is perceived. Without leaning left or right, they hope to draw many people into the debate and force Washington to rethink what it sends service men and women abroad to do.



## ABOUT THE AUTHORS

**Anna Simons** is a professor of defense analysis at the Naval Postgraduate School. **Joe McGraw** is director of Advanced Special Operations Training at the U.S. Army John F. Kennedy Special Warfare Center and School. **Duane Lauchengco** is chief of the Joint and Army Doctrine Integration Division at the U.S. Army John F. Kennedy Special Warfare Center and School.



Anna Simons



Joe McGraw



Duane Lauchengco





# I ALWAYS WANTED TO FLY

BY WOLFGANG W.E. SAMUEL

Publisher: University Press of Mississippi (2001)

ISBN: 978-1578063994

## OVERVIEW

In *I Always Wanted to Fly*, retired United States Air Force Colonel Wolfgang W. E. Samuel has gathered first-person memories from heroes of the cockpits and airstrips. Battling in dogfights when jets were novelties, saving lives in grueling airlifts, or flying dangerous reconnaissance missions deep into Soviet and Chinese airspace, these flyers waged America's longest and most secretly conducted air war.

Many of the pilots Samuel interviewed invoke the same sentiment when asked why they risked their lives in the air-- "I always wanted to fly." With the advent of World War II, many of these dreamers found themselves in cockpits soon after high school. Of those who survived World War II, many chose to continue following their dream, flying the Berlin Airlift, stopping the North Korean army during the "forgotten war" in Korea, and fighting in the Vietnam War.

Told in personal narratives and reminiscences, *I Always Wanted to Fly* renders views from pilots' seats and flight decks during every air combat flashpoint from 1945--1968. Drawn from long exposure to the immense stress of warfare, the stories these warriors share are both heroic and historic.



## ABOUT THE AUTHOR

**Wolfgang W. E. Samuel**, the author of *German Boy: A Refugee's Story* (University Press of Mississippi) and a distinguished graduate of the Air Force ROTC in 1960, served in the U.S. Air Force until his retirement as a colonel in 1985.





# REALIZING TOMORROW

THE PATH TO PRIVATE SPACEFLIGHT

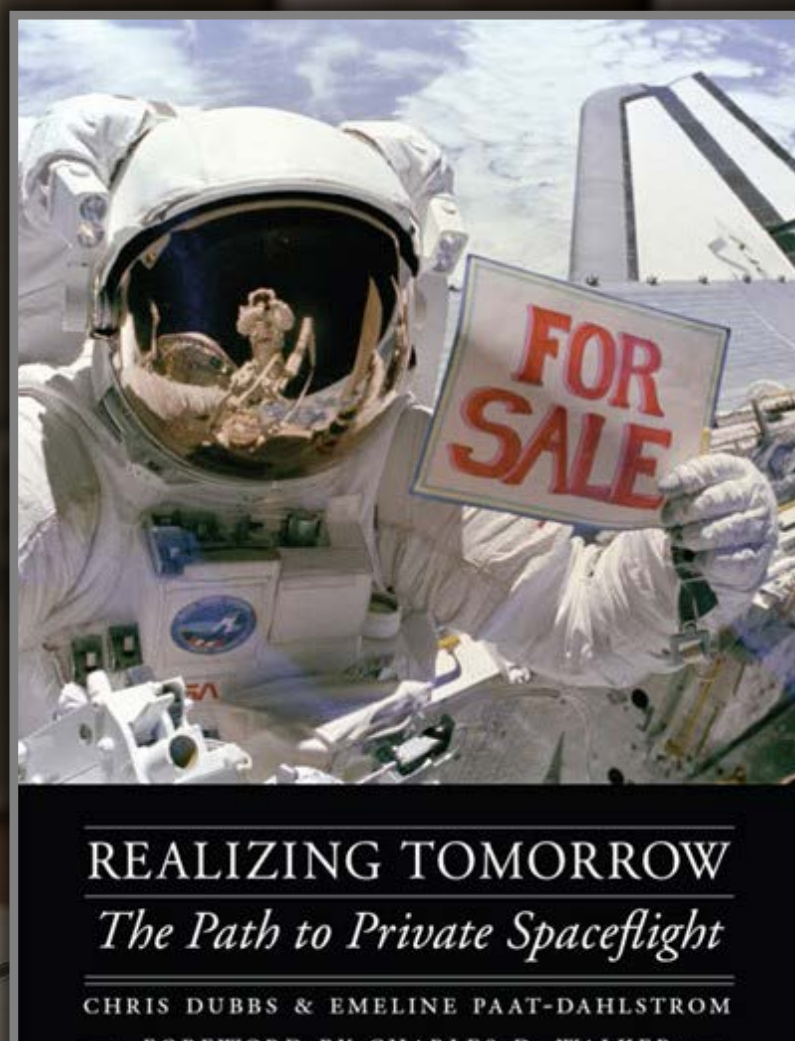
BY CHRIS DUBBS AND  
EMELINE PAAT-DAHLSTROM

Publisher: University of Nebraska Press (2011)

ISBN: 978-0803216105

## OVERVIEW

Nearly forty years passed between the Apollo moon landings, the grandest accomplishment of a government-run space program, and the Ansari X PRIZE-winning flights of SpaceShipOne, the greatest achievement of a private space program. Now, as we hover on the threshold of commercial spaceflight, authors Chris Dubbs and Emeline Paat-Dahlstrom look back at how we got to this point. Their book traces the lives of the individuals who shared the dream that private individuals and private enterprise belong in space. *Realizing Tomorrow* provides a behind-the-scenes look at the visionaries, the crackpots, the financial schemes, the legal wrangling, the turf battles, and—underpinning the entire drama—the overwhelming desire of ordinary people to visit outer space. A compelling story of the pioneers of commercial spaceflight—both American and Soviet/Russian—and their efforts to open the final frontier to everyone, this book traces the path to private spaceflight even as it offers an instructive, entertaining, and cautionary note about its future.



## ABOUT THE AUTHORS

**Chris Dubbs** is the author of *Space Dogs: Pioneers of Space Travel* and the coauthor (with Colin Burgess) of *Animals in Space: From Research Rockets to the Space Shuttle*.



**Emeline Paat-Dahlstrom** is the vice president of programs and curriculum at Singularity University based at NASA Ames Research Park. She is also partner and consultant for International Space Consultants and worked for clients such as Odyssey Moon Limited, Space Adventures Ltd., and International Space University.





# COUNTERSTRIKE

THE UNTOLD STORY OF AMERICA'S SECRET  
CAMPAIGN AGAINST AL QAEDA

BY ERIC SCHMITT AND THOM SHANKER

Publisher: Times Books (2011)

ISBN: 978-0805091038

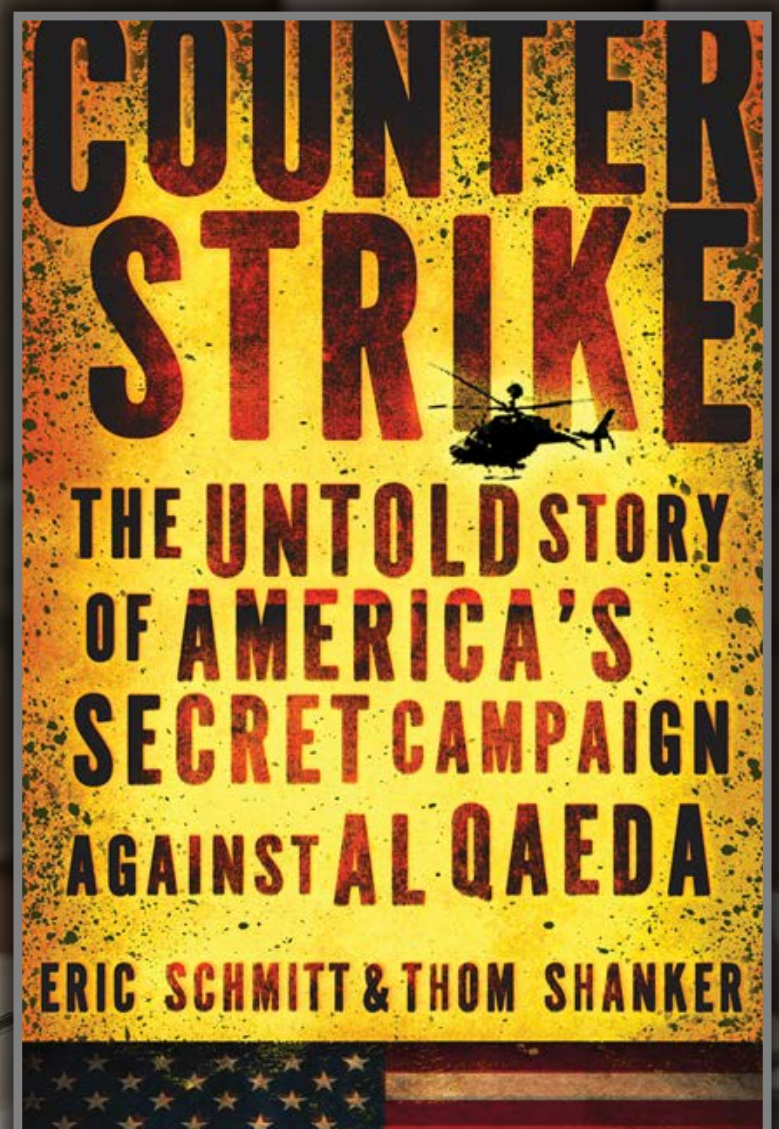
## OVERVIEW

In the years following the 9/11 attacks, the United States waged a “war on terror” that sought to defeat Al Qaeda through brute force. But it soon became clear that this strategy was not working, and by 2005 the Pentagon began looking for a new way.

In *Counterstrike*, Eric Schmitt and Thom Shanker of *The New York Times* tell the story of how a group of analysts within the military, at spy agencies, and in law enforcement has fashioned an innovative and effective new strategy to fight terrorism, unbeknownst to most Americans and in sharp contrast to the cowboy slogans that characterized the U.S. government's public posture. Adapting themes from classic Cold War deterrence theory, these strategists have expanded the field of battle in order to disrupt jihadist networks in ever more creative ways.

Schmitt and Shanker take readers deep into this theater of war, as ground troops, intelligence operatives, and top executive branch officials have worked together to redefine and restrict the geography available for Al Qaeda to operate in.

Filled with startling revelations about how our national security is being managed, *Counterstrike* will change the way Americans think about the ongoing struggle with violent radical extremism.



## ABOUT THE AUTHORS

**Eric Schmitt** is a terrorism correspondent for *The New York Times* and has embedded with troops in Iraq, Somalia, and Pakistan. Schmitt has twice been a member of *Times* reporting teams that were awarded the Pulitzer Prize.



**Thom Shanker**, a Pentagon correspondent for *The New York Times*, routinely spends time embedded with troops in Iraq and Afghanistan. Shanker was formerly a foreign editor and correspondent for the *Chicago Tribune*, based in Moscow, Berlin, and Sarajevo.





# CHINA AIRBORNE

BY JAMES FALLOWS

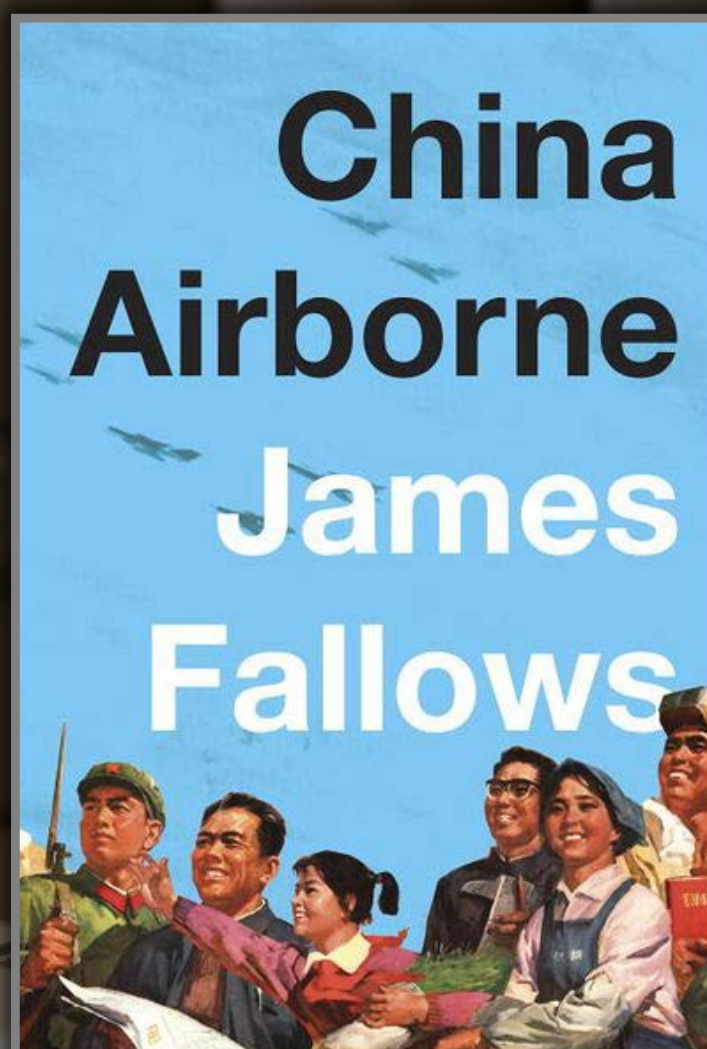
Publisher: Pantheon (May 15, 2012)

ISBN: 978-0375422119

## OVERVIEW

More than two-thirds of the new airports under construction today are being built in China. Chinese airlines expect to triple their fleet size over the next decade and will account for the fastest-growing market for Boeing and Airbus. But the Chinese are determined to be more than customers. In 2011, China announced its Twelfth Five-Year Plan, which included the commitment to spend a quarter of a trillion dollars to jump-start its aerospace industry. Its goal is to produce the Boeings and Airbuses of the future. Toward that end, it acquired two American companies: Cirrus Aviation, maker of the world's most popular small propeller plane, and Teledyne Continental, which produces the engines for Cirrus and other small aircraft.

In *China Airborne*, James Fallows documents the extraordinary scale of this project and explains why it is a crucial test case for China's hopes for modernization and innovation in other industries. Fallows chronicles life in the city of Xi'an, home to more than 250,000 aerospace engineers and assembly workers, and introduces us to some of the characters who seek to benefit from China's pursuit of aerospace supremacy. He concludes by examining what this latest demonstration of Chinese ambition means for the United States and the rest of the world—and ways to understand it.



## ABOUT THE AUTHOR

**James Fallows** is an American print and radio journalist. He has been a national correspondent for *The Atlantic Monthly* for many years. He is the author of ten books, including *National Defense*, for which he received the 1983 National Book Award, *Looking at the Sun* (1994), *Breaking the News* (1996), *Blind into Baghdad* (2006), *Postcards from Tomorrow Square* (2009), and *China Airborne* (2012).





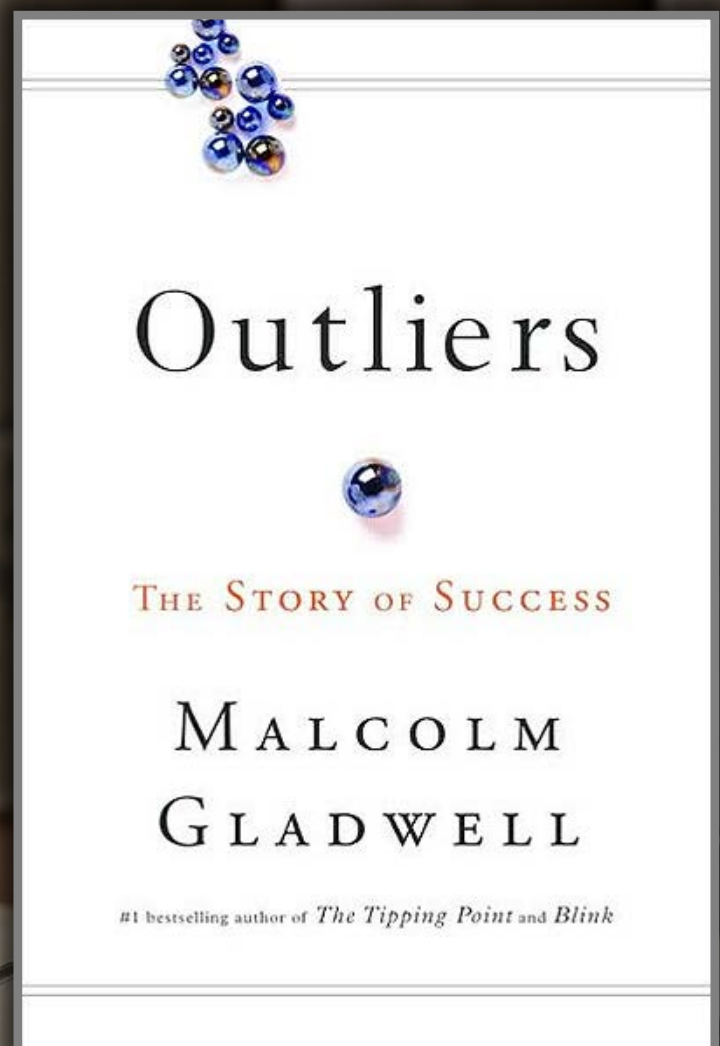
# OUTLIERS

THE STORY OF SUCCESS  
BY MALCOLM GLADWELL  
Publisher: Little, Brown and Company;  
1 edition (November 18, 2008)  
ISBN: 978-0316017923

## OVERVIEW

*Outliers: The Story of Success* takes us on an intellectual journey through the world of “outliers” - the best and the brightest, the most famous and the most successful examines the factors that contribute to high levels of success. He asks the question: what makes high-achievers different?

His answer is that we pay too much attention to what people are like, and too little attention to where they are from: that is, their culture, their family, their generation, and the idiosyncratic experiences of their upbringing. Along the way he explains the secrets of software billionaires, what it takes to be a great soccer player, why Asians are good at math, and what made the Beatles the greatest rock band.



## ABOUT THE AUTHOR

**Malcolm Gladwell** is a Canadian journalist, best selling author, and speaker. He is currently based in New York City and has been a staff writer for *The New Yorker* since 1996. He has written four books, *The Tipping Point: How Little Things Make a Big Difference* (2000), *Blink: The Power of Thinking Without Thinking* (2005), *Outliers: The Story of Success* (2008), and *What the Dog Saw: And Other Adventures* (2009), a collection of his journalism.





# No ONE'S WORLD

THE WEST, THE RISING REST,  
AND THE COMING GLOBAL TURN  
BY CHARLES KUPCHAN

Publisher: Oxford University Press (2012)

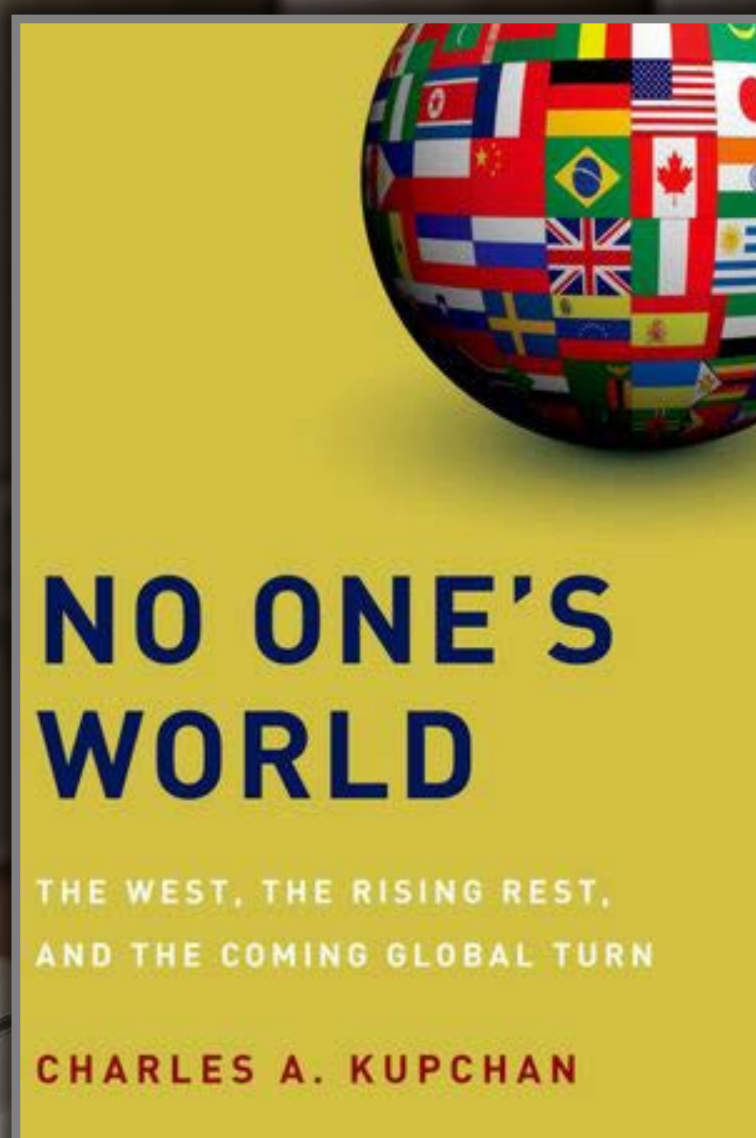
ISBN: 978-0199739394

## OVERVIEW

Between 1500 and 1800, the West sprinted ahead of other centers of power in Asia and the Middle East. Europe and the United States have dominated the world since. But today the West's preeminence is slipping away as China, India, Brazil and other emerging powers rise. Although most strategists recognize that the dominance of the West is on the wane, they are confident that its founding ideas--democracy, capitalism, and secular nationalism--will continue to spread, ensuring that the Western order will outlast its primacy.

In *No One's World*, Charles A. Kupchan boldly challenges this view, arguing that the world is headed for political and ideological diversity; emerging powers will neither defer to the West's lead nor converge toward the Western way. The ascent of the West was the product of social and economic conditions unique to Europe and the United States. As other regions now rise, they are following their own paths to modernity and embracing their own conceptions of domestic and international order.

More than simply diagnosing what lies ahead, Kupchan provides a detailed strategy for striking a bargain between the West and the rising rest by fashioning a new consensus on issues of legitimacy, sovereignty, and governance. Thoughtful, provocative, sweeping in scope, this work is nothing less than a global guidebook for the 21st century.



## ABOUT THE AUTHOR

**Charles A. Kupchan** is Professor of International Affairs at Georgetown University and Whitney Shepardson Senior Fellow at the Council on Foreign Relations. He served on the National Security Council during the Clinton presidency and is the author of *How Enemies Become Friends* and *The End of the American Era*. He lives in Washington, DC.





# NEED, SPEED, AND GREED

HOW THE NEW RULES OF INNOVATION CAN TRANSFORM  
BUSINESSES, PROPEL NATIONS TO GREATNESS, AND TAME  
THE WORLD'S MOST WICKED PROBLEMS  
BY VIJAY VAITHEESWARAN

Publisher: HarperBusiness (2012)

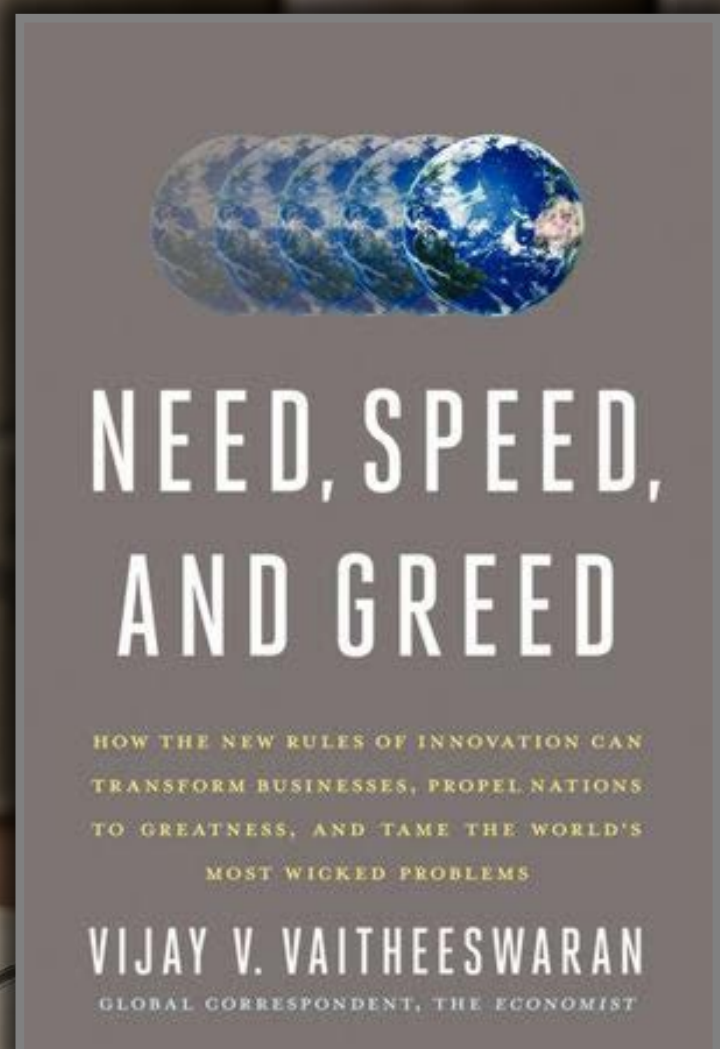
ISBN: 978-0062075994

## OVERVIEW

Over the past few decades, globalization and Googlization have kicked off the first phase of an innovation revolution more profound and more powerful than any economic force since the arrival of Europeans on North American shores half a millennium ago. These developments have brought us such advances as the Web, social networking, 24/7 connectivity, and global markets.

But the benefits of all this progress have not been shared fairly among all. It is true that the elites of Mumbai are closer today to the elites of Manhattan than they were two decades ago, but what about Kansas?

All this leads to the central political and economic question of our age: How can the extraordinary benefits of the innovation revolution be shared more equitably among all of society? In *Need, Speed, and Greed*, global correspondent for the Economist Vijay V. Vaitheeswaran answers that question, offering the essential insider's guide to this new world of innovation. Drawing on the best of the academic and field work in this emerging area, *Need, Speed, and Greed* inspires and empowers readers to improve their lives, their work, and perhaps even the world.



## ABOUT THE AUTHOR

**Vijay Vaitheeswaran** is an award-winning global correspondent for the *Economist*. He is a member of the Council on Foreign Relations, an adviser to the World Economic Forum, and an adjunct faculty member at NYU's Stern School of Business. He is also the author of *Zoom: The Global Race to Fuel the Car of the Future* (co-authored with Iain Carson), and *Power to the People: How the Coming Energy Revolution Will Transform an Industry, Change Our Lives, and Maybe Even Save the Planet*.





# TWELVE O' CLOCK HIGH

DIRECTOR: HENRY KING

1949

## OVERVIEW

The wartime memories of surviving World War II bomber squadrons were still crystal clear when this acclaimed drama was released in 1949--one of the first postwar films out of Hollywood to treat the war on emotionally complex terms. Framed by a postwar prologue and epilogue and told as a flashback appreciation of wartime valor and teamwork, the film stars Gregory Peck in one of his finest performances as a callous general who assumes command of a bomber squadron based in England. At first, the new commander has little rapport with the 918th Bomber Group, whose loyalties still belong with their previous commander. As they continue to fly dangerous missions over Germany, however, the group and their new leader develop mutual respect and admiration, until the once-alienated commander feels that his men are part of a family--men whose bravery transcends the rigors of rigid discipline and by-the-book leadership. The film's now-classic climax, in which the general waits patiently for his squad to return to base--painfully aware that they may not return at all--is one of the most subtle yet emotionally intense scenes of any World War II drama.



## ABOUT THE DIRECTOR

**Henry King** was an American film director. He was twice nominated for the Best Director Oscar. In 1944, he was awarded the first Golden Globe Award for Best Director. Henry King was one of the 36 founders of the Academy of Motion Picture Arts and Sciences. During World War II, King served as the deputy commander of the Civil Air Patrol coastal patrol base in Brownsville, TX, holding the grade of captain. In his final years, he was the oldest licensed private pilot in the United States, having obtained his license in 1918.





# OPERATION HOMECOMING

DIRECTOR: RICHARD ROBBINS

2007

## OVERVIEW

**OPERATION HOMECOMING** is a documentary that explores the firsthand accounts of American servicemen and women through their own words. The film is built upon a project created by the National Endowment for the Arts to gather the writing of servicemen and women and their families who have participated in the wars in Iraq and Afghanistan. Through interviews and dramatic readings, the film transforms selections from this collection of writing into a deep examination of the experiences of the men and women serving in America's armed forces. This film illuminates the extraordinary experiences of American servicemen and women through their own powerful stories.



## ABOUT THE DIRECTOR

**Richard Robbins** is an award-winning producer and director who has been making documentaries for PBS, cable, and network television for more than a decade. The programs have ranged from the historical to the political to present-day breaking news. From 1998 to 2004 he made documentaries for Peter Jennings at ABC News, traveling to India, Pakistan, and the disputed region of Kashmir to produce *Dark Horizon* -- an in-depth look at the nuclear standoff.





# ARMADILLO

DIRECTOR: JANUS METZ  
2010

## OVERVIEW

**ARMADILLO** is an upfront account of growing cynicism and adrenaline addiction for young soldiers at war. Mads and Daniel are on their first mission in Helmand, Afghanistan. Their platoon is stationed in Camp Armadillo, right on the Helmand frontline, fighting tough battles against the Taliban. The soldiers are there to help the Afghan people, but as fighting gets tougher and operations increasingly hairy, Mads, Daniel and their friends become cynical, widening the gap between themselves and the Afghan civilization. Mistrust and paranoia set in causing alienation and disillusion. *Armadillo* is a journey into the soldier's mind and a unique film on the mythological story of man and war, staged in its contemporary version in Afghanistan.



## ABOUT THE DIRECTOR

**Janus Metz** was born in Denmark and received a master's degree in communication and international development studies from Roskilde University. He worked as a documentary researcher before moving to South Africa, where he worked on the television drama *Soul City* and made his debut documentary short *Township Boys* (2006). His most recent work includes *Love on Delivery* (2008) and *Ticket to Paradise* (2008), both films on marriage migration, prostitution and globalization.





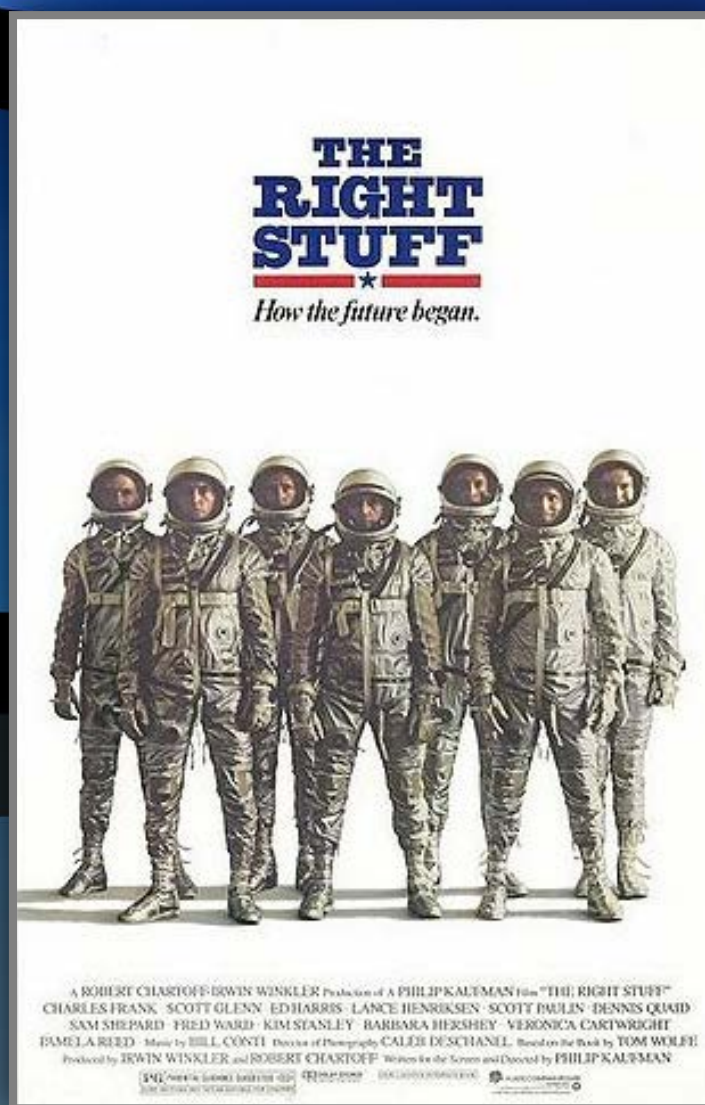
# THE RIGHT STUFF

DIRECTOR: PHILIP KAUFMAN

1983

## OVERVIEW

**THE RIGHT STUFF**, written and directed by Philip Kaufman, is based on Tom Wolfe's 1979 book of the same title. Covering a time frame from 1942 through 1963, it presents a winning portrait of America's entry into the Space Age by focusing on the astronauts, their wives, the NASA officials, the politicians, and the journalists who were involved in the awesome, funny, surreal, and heroic adventure. The drama ambitiously portrays some of the nation's most persistent moral ambiguities — its love-hate relationship with technology, its thirst for idealized heroes, its insatiable hunger for new frontiers, and its somewhat contradictory notions about the value of teamwork and respect for rugged individualism. This innovative, engaging, and thematically rich film mixes documentary footage from the past with staged action and vivid special effects. The ensemble acting of a fine and large cast is commendable.



## ABOUT THE DIRECTOR

Director and screenwriter **Philip Kaufman** was born in Chicago, Illinois. He attended the University of Chicago and later Harvard Law School. He won the Prix de la Nouvelle Critique at Cannes in 1965 for his film *Goldstein* (1964).





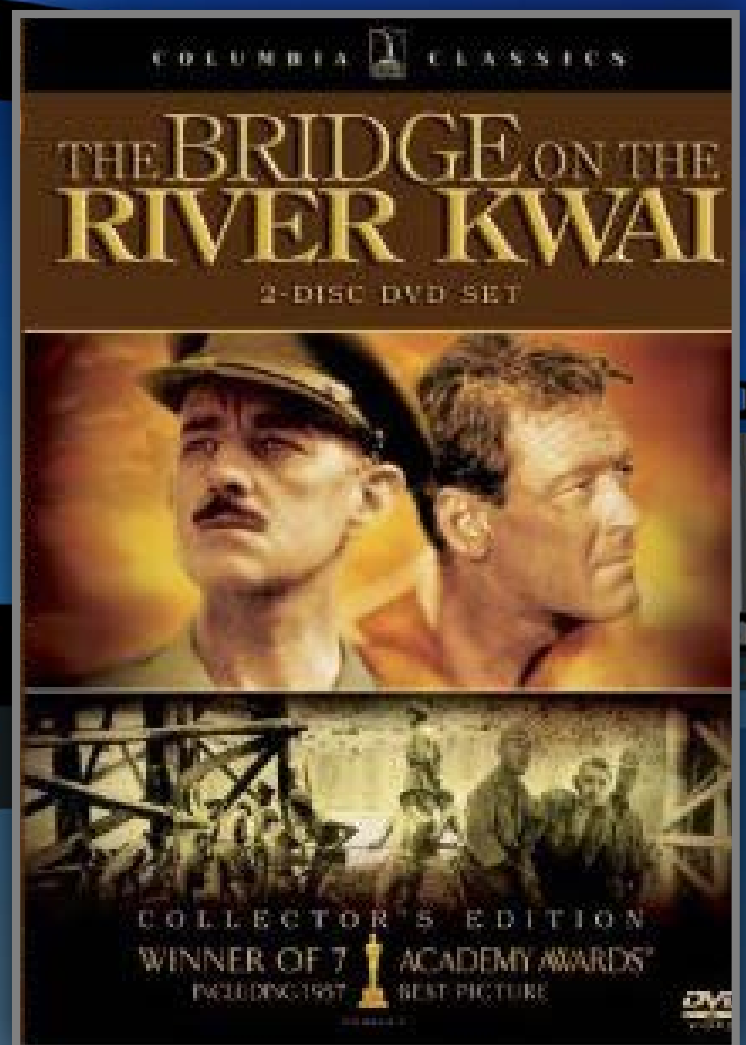
# THE BRIDGE ON THE RIVER KWAI

DIRECTOR: DAVID LEAN

1957

## OVERVIEW

Director David Lean's masterful 1957 realization of Pierre Boulle's novel remains a benchmark for war films. The story centers on a Japanese prison camp isolated deep in the jungles of Southeast Asia, where the remorseless Colonel Saito (Sessue Hayakawa) has been charged with building a vitally important railway bridge. His clash of wills with a British prisoner, the charismatic Colonel Nicholson (Alec Guinness), escalates into a duel of honor, Nicholson defying his captor's demands to win concessions for his troops. How the two officers reach a compromise, and Nicholson becomes obsessed with building that bridge, provides the story's thematic spine; the parallel movement of a team of commandos dispatched to stop the project, led by a British major (Jack Hawkins) and guided by an American escapee (William Holden), supplies the story's suspense and forward momentum.



## ABOUT THE DIRECTOR

**Sir David Lean**, CBE (25 March 1908 – 16 April 1991) was an English film director, producer, screenwriter and editor, best remembered for big-screen epics *The Bridge on the River Kwai* (1957), *Lawrence of Arabia* (1962), *Doctor Zhivago* (1965), and *A Passage to India* (1984). Acclaimed by directors including Steven Spielberg and Stanley Kubrick, Lean was voted 9th greatest film director of all time in the British Film Institute Sight & Sound Directors' Top Directors" poll 2002. Lean has four films in the top eleven of the British Film Institute's Top 100 British Films.





# THE BLUE MAX

DIRECTOR: JOHN GUILLERMIN

1965

## OVERVIEW

German Corporal Bruno Stachel (George Peppard) leaves the fighting in the trenches to become an officer and fighter pilot in the German Army Air Service. Joining a squadron in spring 1918, he sets his sights on winning Imperial Germany's highest military decoration for valor, the Pour le Mérite, nicknamed the "Blue Max", for which he must shoot down 20 aircraft. Coming from humble origins, Lieutenant Stachel is driven to prove himself better than the aristocratic pilots in his new fighter squadron, especially Willi von Klugemann (Jeremy Kemp). Their commanding officer, Hauptmann Otto Heidemann (Karl Michael Vogler) is an upper-class officer whose notions of chivalry conflict with Stachel's ruthless determination.



## ABOUT THE DIRECTOR

**John Guillermin** is a British film director, writer, and producer who was most active in big budget, action adventure movies throughout his lengthy career. He was born in London and attended Cambridge University.





# WINGS

DIRECTOR: WILLIAM WELLMAN  
1927

## OVERVIEW

**WINGS** is a silent film about World War I fighter pilots, and was an immediate success, premiering on August 12, 1927 at the Criterion Theatre in New York and playing 63 weeks before being moved to second-run theaters. One of the reasons for its resounding popularity was the public infatuation with aviation in the wake of Charles Lindbergh's transatlantic flight. The critical response was equally enthusiastic as the critic of the New York Times noted that the realism of the flying scenes was impressive. The film went on to win the first Academy Award for Best Picture at the first annual Academy Award ceremony in 1929.



## ABOUT THE DIRECTOR

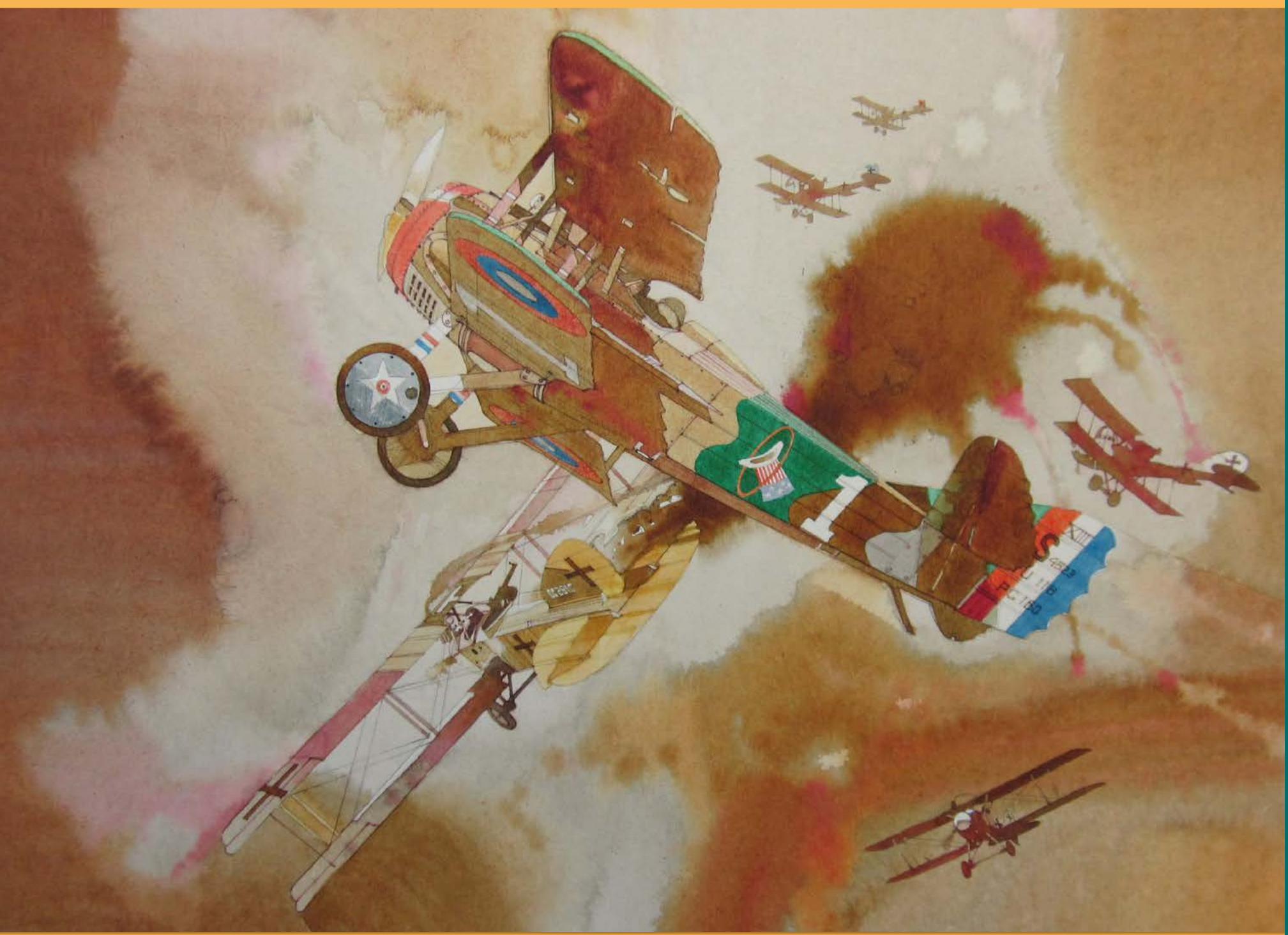
**William Wellman** was an American film director who began his career as an actor. During World War I, he joined the air wing of the French Foreign Legion, where he learned to fly. In France he served as a pilot with the Lafayette Flying Corps where he won his nickname "Wild Bill" due to his devil-may-care style in the air. In the spring of 1918 he was recruited by the U.S. Army Air Corps and taught combat fighting tactics to new pilots.





# RICKENBACKER'S MEDAL OF HONOR

ARTIST: WILLIAM MARSALKO  
Air Force Art Collection: 1989.088



## ABOUT THE ART PIECE

Captain Rickenbacker's first victory was won on April 29, 1918. And by May 30, 1918, he had brought down his 5th plane making him an Ace. He always flew and fought with coolness and logic, never refusing a fight, yet planning on having every advantage when he did so. In this painting, he is shown attacking 7 German aircraft single handedly on September 25, 1918. For gallantry in this air combat over Billy, France, he was awarded the Medal of Honor.





# B-24s ON PLOESTI RAID

## ARTIST: STANDLEY DERSH

Air Force Art Collection: 1957.001



### ABOUT THE ART PIECE

Throughout the war in Europe, American and allied air power struck heavy and repeated blows at strategic Nazi industries, curtailing production and forcing the Nazi Government into a costly program of industrial maintenance, reconstruction, and rebuilding under ground. A series of destructive raids began in June 1942. In all, Army Air Force bombers made 25 attacks on Ploesti between June 1942 and August 1944; the RAF made three. The raid here depicted shows B-24's of the 15th Air Force attacking the area on 31 May 1944. On this raid 481 planes dropped more than 1,000 tons of bombs from an altitude of 19,000 to 24,200 feet. Sixteen bombers failed to return.





# FIGHT OR FLIGHT

ARTIST: ADAM TARMY

Air Force Art Collection: 2010.245



## ABOUT THE ART PIECE

A World War II pilot gathering his nerves in preparation for a dangerous mission. This painting attempts to show the intense emotional conflict that often accompanies the bravery for which these pilots were known.





# COLD WAR 003 CORONA SATELLITE “FILM BUCKET” AERIAL RECOVERY

ARTIST: EDWARD CONION

Air Force Art Collection: 2010.034



THE  
**COLD WAR**  
DISCOVERY XIV - CORONA MISSION 9009  
19 AUG 1960, FIRST SUCCESSFUL AERIAL  
RECOVERY OF THE FILM BUCKET FROM A CORONA  
SPY SATELLITE BY CH19J "PELICAN 9"  
s/n 518037 FLOWN BY CAPT. HAROLD E.  
MITCHELL - 6593rd TEST SQUADRON



## ABOUT THE ART PIECE

This is a depiction of Corona Spy Satellite Mission 9009, 19 August 1960, over the Pacific Ocean, and Aircraft C-119 J-FA Ser #51-8037 “Pelican Nine” piloted by Captain Harold Mitchell, USAF. The first successful aerial recovery of Corona spy satellite “Film Bucket” from Mission 9009.

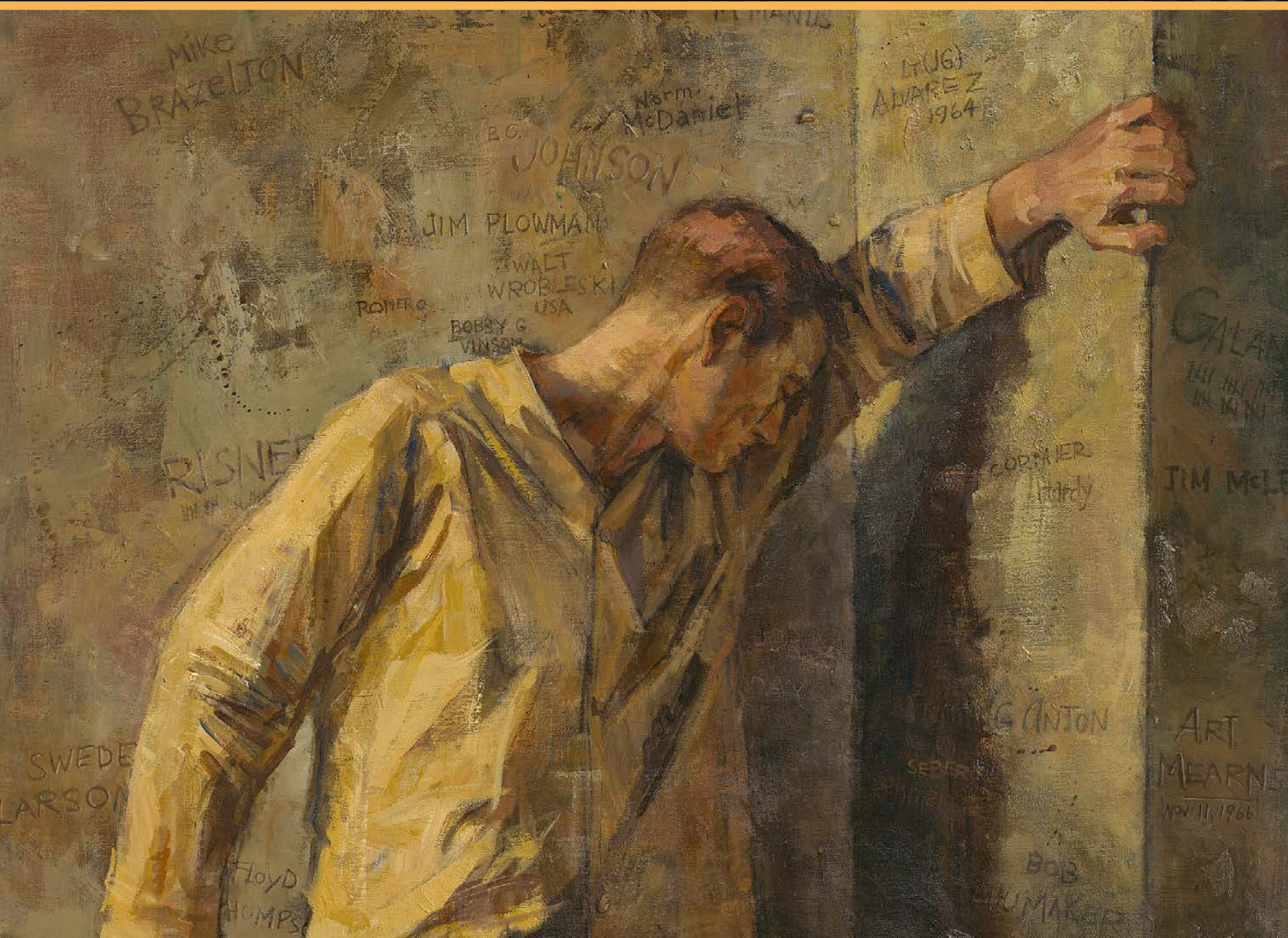




# IN HIS COUNTRY'S SERVICE

ARTIST: MAXIN McCaffrey

Air Force Art Collection: 1970.062



## ABOUT THE ART PIECE

At the request of the Joint Chiefs of Staff, this painting was commissioned as a memorial to the Prisoners of War and Missing in North Vietnam. In their nominating the POW as the Military Outstanding Young Man of the Year, the Joint Chiefs hoped to draw attention to the need for American citizens to rally to their plight and help secure their release.





# LIFE, LIBERTY, AND THE PURSUIT OF ANYONE WHO THREATENS IT

ARTIST: CHRISTOPHER HOPKINS

Air Force Art Collection: 2010.022



## ABOUT THE ART PIECE

Preparation for target practice aboard the Spectre gunship.





# ORDINANCE GROUP LOADING GBU-24B

ARTIST: DOUGLAS SMITH

Air Force Art Collection: 2004.130



## ABOUT THE ART PIECE

Ordinance Group at Seymour Johnson AFB, NC. A timed exercise loading a GBU - 24B on an F-15E (336 Fighter Squadron) March 25, 2004.





# SERVICE BEFORE SELF I

ARTIST: LORI DAWSON  
Air Force Art Collection: 2010.238



## ABOUT THE ART PIECE

This illustration is one of three used for the cover of the Air Force Art Program Presentation program in 2008. It portrays the theme, Service Before Self, which became so evident throughout the Air Force and chosen particularly for that evening's gala.





# US C-17 ARRIVING AT PORT AU PRINCE, HAITI

ARTIST: JOHN DOWNS  
Air Force Art Collection: 2010.227



## ABOUT THE ART PIECE

A C-17 from Charleston AFB flying medical and food relief to the earthquake victims of Haiti.





# REAPER OVER AFGHANISTAN

ARTIST: PAUL RENDEL  
Air Force Art Collection: 2012.020



## ABOUT THE ART PIECE

The combat proven Reaper unmanned aircraft flies long endurance surveillance, reconnaissance and attack missions while streaming real time imagery to anywhere in the world.





# MILSTAR SATELLITE AND MILITARY USERS

ARTIST: PHILLIP WIESGERBER

Air Force Art Collection: 2006.075



## ABOUT THE ART PIECE

A Milstar satellite in space above an image of earth with a grid of inter-connecting lines representing the communications with Air Force, Army, Navy and Marine users.





# MUSIC

## OVERVIEW

The ten songs included in this year's Reading List speak to our experiences as Airmen, as Americans, and as humans. From popular rock to traditional folk, from patriotic anthems to classical works, the selections connect our heritage with our ongoing missions.

First, the high-energy, power ballad, "Send Me," and the guitar-riffing jam, "Jump In," celebrate the Airman's willingness to face challenges head on. The soft "Still in Love" and grinding "Happening Today" capture the appreciation many Airmen have for family and teammates. The syncopated rhythms of "Collateral Duty Blues" and compelling crescendos of "Another Day" portray daily responsibilities in full sound. These six songs were written by currently serving Airmen in response to life in today's Air Force.

The final four songs return us to our foundational roles as Airmen, Americans, and global partners. J. S. Bach's "Air" beautifully traces the joy of flight. The haunting Japanese folk song, "Sakura, Sakura," joins traditional and contemporary instruments to connect international partners. The familiar John Philip Souza march, "The Stars and Stripes Forever," triumphs American pride and patriotism. And finally, our "U.S. Air Force Song" rallies all Airmen around our heritage of innovation, courage, and camaraderie.

Together, the musical selections for this year's CSAF Reading List celebrate Airmen excellence, showcase the artistry of our Air Force bands, and express what it means to be an Airman in the 21st century.





# MUSIC

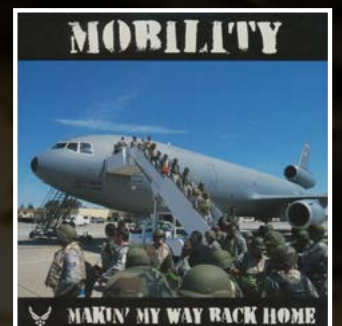
## **“Send Me” (Rock)**

This power ballad was written in honor of our Air Force special tactics forces and reflects their heroic spirit and dedication (written by SMSgt Matt Ascione and MSgt Ryan Carson and recorded by Max Impact from The USAF Band, Joint Base Anacostia-Bolling).



## **“Jump In” (Rock)**

Today’s Airmen display incredible energy and resiliency when facing all sorts of challenges. This song shows that even when things aren’t going as planned, Airmen should press on and be ready to “jump in” on life’s opportunities (written by TSgt Jason Cale and recorded by Mobility from the Band of the Golden West, Travis AFB).



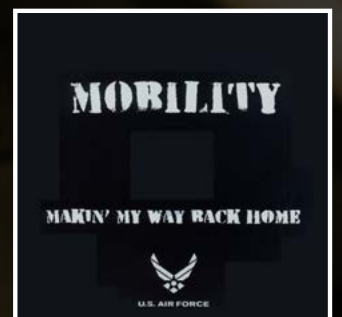
## **“Still in Love” (Country)**

Families are incredibly important to our Airmen. For many, families are the strongest motivation for serving their country as part of the Air Force. This gentle ballad celebrates that which means so much to many of our Airmen (written by SMSgt Matt Ascione and recorded by Silver Wings from The USAF Band, Joint Base Anacostia-Bolling).



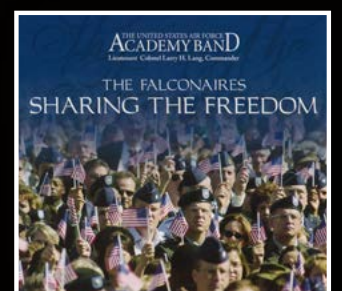
## **“Happening Today” (Rock)**

This edgy ballad captures the spirit of determination, teamwork, and innovation common among Airmen as they meet today’s challenges (written by TSgt Jason Cale and TSgt Niko Ellison and recorded by Mobility from the Band of the Golden West, Travis AFB).



## **“Collateral Duty Blues” (Jazz)**

As Airmen carry out their mission, it’s often the additional duties that seem to interrupt the day. This song captures the feelings of many Airmen as they work to fit these “collateral duties” into their day (written by TSgt Ryan Janus and recorded by the Falconaires from the USAF Academy Band, Peterson AFB).



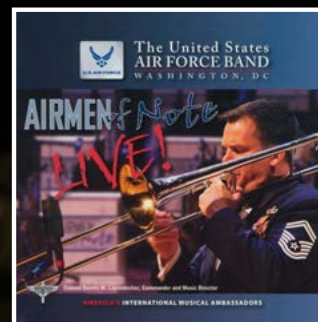




# MUSIC

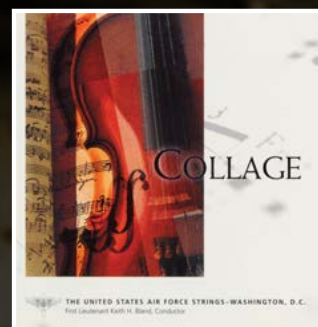
## **“Another Day” (Jazz)**

With powerfully inventive trumpet solos, this original big band chart is based loosely on the U.S. Air Force song and expresses the powerful, energetic spirit of the Air Force (written by MSgt Rich Sigler and recorded by the Airmen of Note from The USAF Band, Joint Base Anacostia-Bolling).



## **“Air” (Classical)**

This meditative classic evokes the sense of calm many feel when soaring through the clouds. It reflects every Airman’s attempt to remain spiritually, mentally and emotionally centered (Written by J. S. Bach and recorded by the Air Force Strings from The USAF Band, Joint Base Anacostia-Bolling).



## **“Sakura, Sakura” (Folksong)**

This arrangement of a popular Japanese folksong speaks to the Air Force’s relationship with its international partners, mingling traditional shakuhachi flute with more contemporary Western instruments (arranged by CMSgt ret Tait Solberg, and recorded by Pacific Showcase from the USAF Band of the Pacific-Asia, Yokota AB).



## **“The Stars and Stripes Forever” (March)**

As America’s official march, this triumphant song belongs to all U.S. citizens and service members. It captures the patriotism and the intense pride Airmen experience as they stand at attention and reflect on the sacrifice required for each star and each stripe featured on America’s flag (written by John Philip Sousa and recorded by the Concert Band of the USAF Heritage of America Band, Joint Base Langley-Eustis).



## **“The U.S. Air Force Song”**

Written in 1939, the musical notes of the Air Force’s official song have been around longer than the Air Force itself. This song has reminded every generation of Airmen that “nothing’ll stop U.S. Air Force” (written by Robert Crawford, arranged by SMSgt Robert Thurston and recorded by the Concert Band and Singing Sergeants from The USAF Band, Joint Base Anacostia-Bolling).







# CADIZ OVERWATCH 2011



## ABOUT THE PHOTOGRAPHER

Master Sergeant Adrian Cadiz is assigned to the 1st Combat Camera Squadron, Joint Base Charleston, South Carolina, as the NCOIC of Flying Operations. Sergeant Cadiz has traveled the world on photographic assignments to include multiple tours of duty in support of Operations IRAQI FREEDOM and ENDURING FREEDOM. He is driven by the ability to invoke emotion and show his view of what military members do on a daily basis through the art of photography and considers it a huge honor to be able to tell their story.









# CALLON

## MAN'S BEST FRIEND 2012



### ABOUT THE PHOTOGRAPHER

Staff Sergeant Nathanael Callon is currently the NCOIC of Still Photography for the 52nd Fighter Wing at Spangdahlem Air Base, Germany. Sergeant Callon deployed to Zabul Province, Afghanistan and developed a love for landscape photography. He often composed photographs that contrasted the harsh southern Afghanistan terrain with the softer counterinsurgency mission. Back at Spangdahlem, he documented F-16 Fighting Falcons launching in support of Operation ODYSSEY DAWN and the freeing of the Libyan people. This inspired him to continue offering a unique and sometimes intimate glimpse of US military life.









# YOUNG DOWN IN THE MUD 2011



## ABOUT THE PHOTOGRAPHER

Staff Sergeant Vernon Young Jr. is a photojournalist assigned to the 3rd Combat Camera Squadron, Joint Base San Antonio - Lackland, Texas. Sergeant Young is passionate about his work and embraces the unique responsibility to give a voice to the voiceless by capturing moments that bridge sections of peoples' lives together. He says, "My love for God, people and travel has taken me to places that I've only dreamt about and enabled me to capture life with a unique perspective." One of the things he loves about photography is being able to express his feelings about common global issues without ever speaking a single word.









TED TALKS  
WWW.TED.COM

**“Why I Chose a Gun”**

Speaker: Peter Van Uhm

[http://www.ted.com/talks/peter\\_van\\_uhm\\_why\\_i\\_chose\\_a\\_gun.html](http://www.ted.com/talks/peter_van_uhm_why_i_chose_a_gun.html)

**“Robots That Fly and Cooperate”**

Speaker: Vijay Kumar

[http://www.ted.com/talks/lang/en/vijay\\_kumar\\_robots\\_that\\_fly\\_and\\_cooperate.html](http://www.ted.com/talks/lang/en/vijay_kumar_robots_that_fly_and_cooperate.html)

**“Abundance Is Our Future”**

Speaker: Peter Diamandis

[http://www.ted.com/talks/lang/en/peter\\_diamandis\\_abundance\\_is\\_our\\_future.html](http://www.ted.com/talks/lang/en/peter_diamandis_abundance_is_our_future.html)

**“How Simple Ideas Lead to Scientific Discoveries”**

Speaker: Adam Savage

[http://www.ted.com/talks/how\\_simple\\_ideas\\_lead\\_to\\_scientific\\_discoveries.html](http://www.ted.com/talks/how_simple_ideas_lead_to_scientific_discoveries.html)

**“The Surprising Decline in Violence”**

Speaker: Steven Pinker

[http://www.ted.com/talks/lang/en/steven\\_pinker\\_on\\_the\\_myth\\_of\\_violence.html](http://www.ted.com/talks/lang/en/steven_pinker_on_the_myth_of_violence.html)

**“Why We Have Too Few Women Leaders”**

Speaker: Sheryl Sandberg

[http://www.ted.com/talks/lang/en/sheryl\\_sandberg\\_why\\_we\\_have\\_too\\_few\\_women\\_leaders.html](http://www.ted.com/talks/lang/en/sheryl_sandberg_why_we_have_too_few_women_leaders.html)

**“Behind The Great Firewall of China”**

Speaker: Michael Anti

[http://www.ted.com/talks/lang/en/michael\\_anti\\_behind\\_the\\_great\\_firewall\\_of\\_china.html](http://www.ted.com/talks/lang/en/michael_anti_behind_the_great_firewall_of_china.html)





# RESOURCES

## **Air University**

Air University, with headquarters at Maxwell Air Force Base, AL, is a key component of Air Education and Training Command, and is the Air Force's center for professional military education.

<http://www.au.af.mil/au/>

## **American Enterprise Institute**

The American Enterprise Institute for Public Policy Research (AEI) is a nonpartisan think tank founded in 1943. Its stated mission is "to defend the principles and improve the institutions of American freedom and democratic capitalism—limited government, private enterprise, individual liberty and responsibility, vigilant and effective defense and foreign policies, political accountability, and open debate."

<http://www.aei.org/>

## **Big Think**

Big Think believes that success in the future is about knowing the ideas that allow you to manage and master this universe of information. Therefore, they aim to help people move above and beyond random information, toward real knowledge, offering big ideas from fields outside your own that you can apply toward the questions and challenges in your own life.

<http://bigthink.com/>

## **Brookings**

The Brookings Institution is a nonprofit public policy organization based in Washington, DC. Its mission is to conduct high-quality, independent research and, based on that research, to provide innovative, practical recommendations that advance three broad goals: strengthen American democracy, foster the economic and social welfare, security and opportunity of all Americans, and secure a more open, safe, prosperous and cooperative international system.

<http://www.brookings.edu/>

## **Carnegie Endowment for International Peace**

The Carnegie Endowment for International Peace is a private, nonprofit organization dedicated to advancing cooperation between nations and promoting active international engagement by the United States. Founded in 1910, its work is nonpartisan and dedicated to achieving practical results.

<http://carnegieendowment.org/>





# RESOURCES

## **Center for a New American Security**

The Center for a New American Security (CNAS) develops strong, pragmatic and principled national security and defense policies. As an independent and nonpartisan research institution, CNAS leads efforts to help inform and prepare the national security leaders of today and tomorrow.  
<http://www.cnas.org/>

## **Center for Strategic & International Studies**

The Center for Strategic and International Studies is a bipartisan Washington, D.C., foreign policy think tank. Its stated mission is to provide “strategic insights and policy solutions to decision makers in government, international institutions, the private sector, and civil society.”  
<http://www.csis.org/>

## **Chatham House**

Chatham House is an independent international affairs think-tank. Their stated mission is to be a world-leading source of independent analysis, informed debate and influential ideas on how to build a prosperous and secure world for all.  
<http://www.chathamhouse.org/>

## **Council on Foreign Relations**

The Council on Foreign Relations (CFR) is an American nonprofit nonpartisan membership organization, publisher, and think tank specializing in U.S. foreign policy and international affairs. The Council on Foreign Relations has promoted understanding of foreign policy and America’s role in the world since its founding in 1921. It publishes a bi-monthly journal Foreign Affairs.  
<http://www.cfr.org/>

## **EdX**

EdX is a not-for-profit enterprise of its founding partners, the Massachusetts Institute of Technology (MIT) and Harvard University that offers online learning to millions of people around the world. EdX currently offers HarvardX, MITx and BerkeleyX classes online for free.  
<https://www.edx.org/>

## **Khan Academy**

The Khan Academy is a not-for-profit educational organization, created in 2006. With the stated mission of “providing a high quality education to anyone, anywhere,” the website supplies a free online collection of more than 2,600 micro lectures via video tutorials stored on YouTube teaching mathematics, history, finance, physics, chemistry, biology, astronomy, economics, and computer science.  
<http://www.khanacademy.org>





# RESOURCES

## **MIT Open Courseware**

In 1999, MIT Faculty considered how to use the Internet in pursuit of MIT's mission—to advance knowledge and educate students—and in 2000 proposed OCW. MIT published the first proof-of-concept site in 2002, containing 50 courses. By November 2007, MIT completed the initial publication of virtually the entire curriculum, over 1,800 courses in 33 academic disciplines. Going forward, the OCW team is updating existing courses and adding new content and services to the site. <http://ocw.mit.edu/index.htm>

## **National Museum of the USAF**

The National Museum of the United States Air Force is located at Wright-Patterson Air Force Base, near Dayton, Ohio. The NMUSAF is the world's largest and oldest military aviation museum. <http://www.nationalmuseum.af.mil/podcasts/index.asp>

## **National Public Radio**

NPR, formerly National Public Radio, is a privately and publicly funded non-profit membership media organization that serves as a national syndicator to a network of 900 public radio stations in the United States. NPR produces and distributes news and cultural programming. Its content is also available on-demand via the web, mobile, and podcasts. [http://www.npr.org/rss/podcast/podcast\\_directory.php](http://www.npr.org/rss/podcast/podcast_directory.php)

## **PBS: Frontline**

Frontline is a public affairs television program that produces and broadcasts in-depth documentaries about various subjects. The program has been critically acclaimed and received numerous awards. Some programs are made by independent filmmakers and broadcast as part of the Frontline series. Since the series debut, there have been more than 500 films broadcast. Although primarily seen through television, the program shows a large portion of their shows in interactive webcasts on their main website. <http://www.pbs.org/podcasts/>

## **Pentagon Channel**

The Pentagon Channel is a TV channel broadcasting military news and information for the 2.6 million members of the U.S. Armed Forces. <http://www.pentagonchannel.mil/>





# RESOURCES

## **RAND**

The RAND Corporation is a nonprofit institution that helps improve policy and decision making through research and analysis. RAND focuses on the issues that matter most such as health, education, national security, international affairs, law and business, the environment, and more. As a nonpartisan organization, RAND is widely respected for operating independent of political and commercial pressures.

<http://www.rand.org/>

## **Singularity University**

Singularity University's mission is to assemble, educate, and inspire a cadre of leaders who strive to understand and facilitate the development of exponentially advancing technologies to address humanity's challenges.

<http://singularityu.org/>

## **The National Interest**

The National Interest is a prominent American bi-monthly international affairs magazine published by the Center for the National Interest. The National Interest attempts to pay attention to broad ideas and the way in which cultural and social differences, technological innovations, history, and religion impact the behavior of states.

<http://nationalinterest.org/>

## **The Santa Fe Institute**

The Santa Fe Institute is a private, not-for-profit, independent research and education center, founded in 1984, where leading scientists grapple with some of the most compelling and complex problems of our time.

<http://www.santafe.edu/>

## **War, Literature & the Arts**

War, Literature & the Arts is an American literary magazine that publishes stories, poems, essays, reviews, and visuals related to war and military affairs. It was founded in 1989 and is based at the United States Air Force Academy in Colorado.

<http://www.wlajournal.com>

## **Wired Science**

Wired is a full-color monthly American magazine and on-line periodical, published since January 1993, that reports on how new and developing technology affects culture, the economy, and politics.

<http://www.wired.com/wiredscience/>





EVERY AIRMAN AN INNOVATOR



The background is a light blue gradient. In the top left, there is a grid of small squares. In the top right, there are several thin, wavy lines. In the bottom right, there is a larger grid of small squares. In the bottom left, there are several thin, wavy lines.

EVERY AIRMAN AN INNOVATOR